CUSTOMER LOAD INTERFACE
Department of Transportation DELPHI Program

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Reviewers

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Distribution

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Contents

Introduction

Purpose

The purpose of this document is to describe the DELPHI Open Interfaces used for the Oracle Receivables application and requirements for the corresponding tables. Most of the information in this document has been referenced from the **Release 11 Oracle Receivables Users Guide and Oracle Receivables Technical Reference Manual.** More details about the usage, tables, and reports of the API's can be found in these manuals.

Scope

The scope of this document addresses the DELPHI open interface requirements for the Oracle Receivables application. The following topics are covered in this document:

- General Guidelines
- AutoInvoice Interface Import

The responsibility for developing the contents of items defined within this document resides with the DELPHI Conversion and Interface Group in close coordination with the DOT Program Management Team.

Receivables Open Interfaces

The following Open Interfaces are included with the Oracle Receivables Applications:

- AutoInvoice Interface
- AutoLockbox Interface
- Customer Interface
- Sales Tax Interface
- Tax Vendor Extension

Of the above, the following are the current DELPHI Open Interfaces being used:

- AutoInvoice Interface
- AutoLockbox Interface
- Customer Interface

Related Documents

1. Release 11 Oracle Receivables Users Guide
2. Release 11 Oracle Receivables Technical Reference Manual

General Guidelines

Use the guidelines listed below when interfacing data to the DELPHI Open Interfaces.

IP Address

Interface files will be sent to the DELPHI Server via File Transfer Protocol (FTP). The IP address for the DELPHI Interface Server is;

- Delphi-api.jccbi.gov

File Directory Path

The following DELPHI server directories will be used:

```
-ftp
   -active
      -<OA>
         -global
            -prod (production)
                     -inbound
                     -outbound
            -test (test)
                     -inbound
                     -outbound
```

Note: The inbound area is where all interface files will be placed. The outbound area is where edit files such as vendor(supplier) and Code Combination will be placed.

File Name

The file naming convention is:

- Interface type_Interface key_filename_date_time.dat (*example: po_ctt_myfile_d052699_t120000.dat) or*
- Interface type_Interface key_filename_date_time.gz (*example: po_ctt_myfile_d052699_t120000.dat.gz)*

Note: The file extension must be .dat or .gz. If you choose to send a file but don't want the file processed yet, change the extension to something other than .dat or .gz. The interface code table will be available in coming weeks.

File Format

The file format will be variable length records delimited by '|' (pipe symbol).

Note: Open Interfaces may contain more than one table. When creating open interface records, build them as if the elements in all tables are part of a single record in an end-to-end fashion.

File Compression

File may be sent in a "zipped" format, using one of the following ZIP utilities;

- PKZIP

- GZIP

Note: DELPHI will use the PKZIP utility to un-zip interface files. Any zip utilities must be compatible with PKZIP.

Numeric Decimal Data

Include decimal points for numeric decimal type data (e.g., amount, hours, rate, percentage, etc.);

- Thirteen digit decimal numeric amount;
  - ✓ Example format = 000000012345.67

If the data is signed numeric, include a leading sign character;

- Thirteen digit negative signed numeric amount;
  - ✓ Example Format = -00000012345.67
- Thirteen digit positive signed numeric amount
  - ✓ Example Format = 00000012345.67

Alphanumeric Data

Alphanumeric (VARCHAR2) data type columns are case sensitive.

Date Format

One default date format will be used.

- DD-MON-YYYY

    ✓ (DD – Numerical day of the month)

    ✓ (MON – Alphabetic month abbreviation, capitalized [JAN, FEB, MAR, APR, etc.])

    ✓ (YYYY – Numerical year, century included)

Table Columns

- **NOT NULL** Columns - You must enter values for all NOT NULL columns (labeled "Y" in the "Not Null" column of the table) in the interface tables to successfully save your data in the interface tables.

- **NULL** Columns – A NULL column in the interface table does not require a value for Transaction Import to successfully create transactions from the records in the table (these are labeled "N" in the "Not Null" column of the table).

    There are several types of NULL columns:

    - Required – These columns are NULL only because they are not required for all transactions. They are required, however, depending on the type of transaction. If you do not enter a valid value in a required field, the record will be rejected during import.

    - Conditionally Required – These columns requires you to enter values only if you have entered a value in another column on which the column is dependent.

    - System Assigned – These columns are always NULL and should never be populated because they are used by the Transaction Import program.

    - Not Used – These columns are not used for import. You should leave these columns NULL for the records you load into the table.

Disclaimer

This document is developed and maintained by the DELPHI Project Team and is intended to identify data element requirements for the DELPHI Open Interfaces. It is not intended to replace or supercede any Oracle Open Interface documentation. The Oracle Open Interface documentation may be required for more detailed information regarding edits and possible values.

Customer Load Import

The RA_CUSTOMERS_INTERFACE_ALL is one of the Oracle Receivables Customer Interface tables used to import customer, address, customer profiles, and site use information. Oracle Receivables uses this information to create records in RA_CUSTOMERS, RA_ADDRESSES_ALL, RA_CUSTOMER_RELATIONSHIPS_ALL and RA_SITE_USES_ALL.

The RA_CUSTOMER_PROFILES_INT_ALL table stores customer profile information. If you are entering a new customer, you must either pass a customer profile class that already exists in Oracle Receivables or customer profile values. You do not have to enter values in this table if you are not entering a new customer or assigning customer profile information to customer addresses.

The RA_CONTACT_PHONES_INT_ALL is one of the Oracle Receivables Customer Interface tables used to import contact and telephone information for your customers addresses and business purposes. Oracle Receivables uses this information to create records in RA_CONTACTS and RA_PHONES.

RA_CUSTOMERS_INTERFACE_ALL Table

Num	Column Name	Type	Not Null	Comments
1	ORIG_SYSTEM_CUSTOMER_REF	VARCHAR2(240)	Y	REQUIRED
2	SITE_USE_CODE	VARCHAR2(30)	N	OPTIONAL
3	ORIG_SYSTEM_ADDRESS_REF	VARCHAR2(240)	N	OPTIONAL
4	INSERT_UPDATE_FLAG	VARCHAR2(1)	Y	REQUIRED
5	CUSTOMER_NAME	VARCHAR2(50)	Y	REQUIRED
6	CUSTOMER_NUMBER	VARCHAR2(30)	N	REQUIRED
7	CUSTOMER_STATUS	VARCHAR2(1)	N	REQUIRED
8	CUSTOMER_TYPE	VARCHAR2(25)	N	OPTIONAL
9	ORIG_SYSTEM_PARENT_REF	VARCHAR2(240)	N	OPTIONAL
10	PRIMARY_SITE_USE_FLAG	VARCHAR2(1)	N	OPTIONAL
11	LOCATION	VARCHAR2(40)	N	OPTIONAL
12	ADDRESS1	VARCHAR2(240)	N	OPTIONAL
13	ADDRESS2	VARCHAR2(240)	N	OPTIONAL
14	ADDRESS3	VARCHAR2(240)	N	OPTIONAL
15	ADDRESS4	VARCHAR2(240)	N	OPTIONAL
16	CITY	VARCHAR2(60)	N	OPTIONAL
17	STATE	VARCHAR2(60)	N	OPTIONAL
18	PROVINCE	VARCHAR2(60)	N	OPTIONAL
19	COUNTY	VARCHAR2(60)	N	OPTIONAL
20	POSTAL_CODE	VARCHAR2(60)	N	OPTIONAL
21	COUNTRY	VARCHAR2(60)	N	OPTIONAL
22	CUSTOMER_ATTRIBUTE_CATEGORY	VARCHAR2(30)	N	OPTIONAL
23-37	CUSTOMER_ATTRIBUTE1-15	VARCHAR2(150)	N	OPTIONAL
38	ADDRESS_ATTRIBUTE_CATEGORY	VARCHAR2(30)	N	OPTIONAL
39-53	ADDRESS_ATTRIBUTE1-15	VARCHAR2(150)	N	OPTIONAL
54	SITE_USE_ATTRIBUTE_CATEGORY	VARCHAR2(30)	N	OPTIONAL
55-79	SITE_USE_ATTRIBUTE1-25	VARCHAR2(150)	N	OPTIONAL
80	CUSTOMER_CATEGORY_CODE	VARCHAR2(30)	N	OPTIONAL
81	CUSTOMER_CLASS_CODE	VARCHAR2(30)	N	OPTIONAL
82	CUST_TAX_CODE	VARCHAR2(50)	N	OPTIONAL
83	CUST_TAX_REFERENCE	VARCHAR2(50)	N	OPTIONAL
84	DEMAND_CLASS_CODE	VARCHAR2(30)	N	OPTIONAL
85	CUST_SHIP_VIA_CODE	VARCHAR2(25)	N	OPTIONAL
86	SITE_USE_TAX_CODE	VARCHAR2(50)	N	OPTIONAL

Num	Column Name	Type	Not Null	Comments
87	SITE_USE_TAX_REFERENCE	VARCHAR2(50)	N	OPTIONAL
88	BILL_TO_ORIG_ADDRESS_REF	VARCHAR2(240)	N	OPTIONAL
89	JGZZ_FISCAL_CODE	VARCHAR2(20)	N	OPTIONAL
90	LANGUAGE	VARCHAR2(30)	N	OPTIONAL
91	URL	VARCHAR2(240)	N	OPTIONAL
92	**ORG_ID**	**NUMBER(15)**	**Y**	**REQUIRED**
93	CUSTOMER_PROSPECT_CODE	VARCHAR2(30)	N	OPTIONAL
94	CUSTOMER_NAME_PHONETIC	VARCHAR2(320)	N	OPTIONAL
95	ADDRESS_LINES_PHONETIC	VARCHAR2(560)	N	OPTIONAL

1. ORIG_SYSTEM_CUSTOMER_REF   *VARCHAR2(240)*

Required Field

Enter a value that uniquely identifies this customer in your original system. This column forms part of the primary key for RA_CUSTOMERS_INTERFACE. The primary key is a combination of ORIG_SYSTEM_CUSTOMER_REF, ORIG_SYSTEM_ADDRESS_REF, and SITE_USE_CODE.

If you are entering a new customer, you must also enter a customer level profile in RA_CUSTOMER_PROFILES_INTERFACE. This column is required.

> **Validation**: Must not exist in RA_CUSTOMERS for insert. Must exist in RA_CUSTOMERS for update. The same customer reference cannot have different customer names within this table. Inserts for this column must be unique.

2. SITE_USE_CODE   *VARCHAR2(30)*

Optional Field

Enter the business purpose for this customer's address. Use business purposes you previously defined in the Receivables QuickCodes window with a QuickCode type of 'Business purposes for a customer address.'

This column forms part of the primary key for RA_CUSTOMERS_INTERFACE. The primary key is a combination of ORIG_SYSTEM_CUSTOMER_REF, ORIG_SYSTEM_ADDRESS_REF, and SITE_USE_CODE.

If you enter a value in ORIG_SYSTEM_ ADDRESS_REF, you must enter a value in this column. To enter multiple business purposes for an address, enter multiple records in RA_CUSTOMERS_INTERFACE with identical customer and address information, but with different site uses. You can only assign one type of business purpose to each address.

> Validation: Must equal a value in AR_LOOKUPS. LOOKUP_CODE where LOOKUP_TYPE = 'SITE_USE_CODE'. This column must be null if you are updating PRIMARY_SITE_USE_FLAG, LOCATION, SITE_SHIP_VIA_CODE, SITE_USE_TAX_CODE or SITE_USE_TAX_REFERENCE. Inserts for this column must be unique.

3. ORIG_SYSTEM_ADDRESS_REF   *VARCHAR2(240)*

Optional Field

Enter a value you can use to uniquely identify this address in your original system. This column forms part of the primary key for RA_CUSTOMERS_INTERFACE. The primary key is a combination of ORIG_SYSTEM_CUSTOMER_REF, ORIG_SYSTEM_ADDRESS_REF, and SITE_USE_CODE.

To enter multiple addresses for a customer, enter multiple records in RA_CUSTOMERS_INTERFACE with identical customer information, but with different address information. This column is required if you are either inserting or updating address information.

> **Validation**: Must not already exist in RA_ADDRESSES for insert. Must already exist in RA_ADDRESSES for update.

4. INSERT_UPDATE_FLAG   *VARCHAR2(1)*

Required Field

Specify whether you are inserting a new record or updating an existing record. This column is required.

> **Validation**: 'I' for insert or 'U' for update.

5. CUSTOMER_NAME   *VARCHAR2(50)*

Required Field

Enter the name of your customer. This column is required.

> **Validation**: The same customer reference cannot have different customer names within this table.

6. CUSTOMER_NUMBER   *VARCHAR2(30)*

Required Field

Enter this customer's number.

> **Validation**: Must be null if you are using Automatic Customer Numbering. Must exist if you are not using Automatic Customer Numbering. This value must be unique within RA_CUSTOMERS.

7. CUSTOMER_STATUS   *VARCHAR2(1)*

Required Field

Enter the status of this customer. This column is required.

> **Validation**: Must equal 'A' for Active or 'I' for Inactive.

8. CUSTOMER_TYPE   *VARCHAR2(25)*

Optional Field

Enter 'Internal' or 'External' to indicate customer type for this customer. This column is optional.

> **Validation**: AR_LOOKUPS.LOOKUP_CODE where LOOKUP_TYPE = 'CUSTOMER_TYPE' Multiple rows with the same customer reference must have the same customer type.

9. ORIG_SYSTEM_PARENT_REF   *VARCHAR2(240)*

Optional Field

Enter the original system reference of the related customer, if there is one. If you enter a value in this column, the system checks RA_SYSTEM_PARAMETERS.CREATE_RECIPROCAL_FLAG to determine whether the application should automatically create the reciprocal relationship.

If RA_SYSTEM_PARAMETERS.CREATE_RECIPROCAL_FLAG is set to 'Y', the system creates an additional, opposite entry in RA_CUSTOMER_RELATIONSHIPS. This column is optional.

> **Validation**: Must exist in RA_CUSTOMERS. ORIG_SYSTEM_REFERENCE. Multiple rows with the same customer reference must have the same ORIG_SYSTEM_PARENT_REF.

10. PRIMARY_SITE_USE_FLAG   *VARCHAR2(1)*

Optional Field

Enter 'Y' or 'N' to indicate whether this is the primary business purpose. Enter a value in this column only if the INSERT_UPDATE_FLAG is 'Y' and you enter a value in ORIG_SYSTEM_ADDRESS_REF.

> **Validation**: Must have only one primary business purpose for each usage (Bill–To, Ship–To, etc.). Must be null, 'Y,' or 'N'.   Mandatory when inserting an address and must be null when the record is for updating purposes. **This column is not updatable**.

11. LOCATION   *VARCHAR2(40)*

Optional Field

Enter a shorthand name for this business purpose. You use this value to quickly refer to a business purpose during data entry

> **Validation**: If automatic site numbering is set to No, you must enter a value in this column. If not, do not enter a value. Values for this column must be unique. **This column is not updatable**.

12. ADDRESS1   *VARCHAR2(240)*

Optional Field

Enter the address for your customer in these four columns. You can enter up to four lines of an address.

> **Validation**: If you enter a value in ORIG_SYSTEM_ADDRESS_REF, you must enter a value in ADDRESS1. For multiple rows with the same address reference, insert values in address 1–4.

13. ADDRESS2   *VARCHAR2(240)*

Optional Field

Enter the address for your customer in these four columns. You can enter up to four lines of an address.

> **Validation**: If you enter a value in ORIG_SYSTEM_ADDRESS_REF, you must enter a value in ADDRESS1. For multiple rows with the same address reference, insert values in address 1–4.

14. ADDRESS3   *VARCHAR2(240)*

Optional Field

Enter the address for your customer in these four columns. You can enter up to four lines of an address.

Validation: If you enter a value in ORIG_SYSTEM_ADDRESS_REF, you must enter a value in ADDRESS1. For multiple rows with the same address reference, insert values in address 1–4.

15. ADDRESS4   *VARCHAR2(240)*

Optional Field

Enter the address for your customer in these four columns. You can enter up to four lines of an address.

> **Validation**: If you enter a value in ORIG_SYSTEM_ADDRESS_REF, you must enter a value in ADDRESS1. For multiple rows with the same address reference, insert values in address 1–4.

16. CITY   *VARCHAR2(60)*

Optional Field

Enter the city for this customer's address. You must enter values that have already been defined in AR_LOCATION_VALUES if Address Validation is set to 'Error' and you are calculating sales tax. You must do this for each address component on which your tax location flexfield structure is based.

If Address Validation is set to 'No Validation' and you pass a value that does not exist in AR_LOCATION_VALUES, Customer Interface inserts this value into AR_LOCATION_VALUES.

You must always enter a value for Country.

> **Validation**: The country must exist in FND_TERRITORIES.

17. STATE   *VARCHAR2(60)*

Optional Field

Enter the state code for this customer's address. You must enter values that have already been defined in AR_LOCATION_VALUES if Address Validation is set to 'Error' and you are calculating sales tax. You must do this for each address component on which your tax location flexfield structure is based.

If Address Validation is set to 'No Validation' and you pass a value that does not exist in AR_LOCATION_VALUES, Customer Interface inserts this value into AR_LOCATION_VALUES.

You must always enter a value for Country.

> **Validation**: The country must exist in FND_TERRITORIES.

18. PROVINCE   *VARCHAR2(60)*

Optional Field

Enter the province code for this customer's address. You must enter values that have already been defined in AR_LOCATION_VALUES if Address Validation is set to 'Error' and you are calculating sales tax. You must do this for each address component on which your tax location flexfield structure is based.

If Address Validation is set to 'No Validation' and you pass a value that does not exist in AR_LOCATION_VALUES, Customer Interface inserts this value into AR_LOCATION_VALUES.

You must always enter a value for Country.

Validation: The country must exist in FND_TERRITORIES.

19. COUNTY   *VARCHAR2(60)*

Optional Field

Enter the county for this customer's address. You must enter values that have already been defined in AR_LOCATION_VALUES if Address Validation is set to 'Error' and you are calculating sales tax. You must do this for each address component on which your tax location flexfield structure is based.

If Address Validation is set to 'No Validation' and you pass a value that does not exist in AR_LOCATION_VALUES, Customer Interface inserts this value into AR_LOCATION_VALUES.

You must always enter a value for Country.

> **Validation**: The country must exist in FND_TERRITORIES.

20. POSTAL_CODE   *VARCHAR2(60)*

Optional Field

Enter the postal code for this customer's address. You must enter values that have already been defined in AR_LOCATION_VALUES if Address Validation is set to 'Error' and you are calculating sales tax. You must do this for each address component on which your tax location flexfield structure is based.

If Address Validation is set to 'No Validation' and you pass a value that does not exist in AR_LOCATION_VALUES, Customer Interface inserts this value into AR_LOCATION_VALUES.

You must always enter a value for Country.

> **Validation**: The country must exist in FND_TERRITORIES.

21. COUNTRY   *VARCHAR2(60)*

Optional Field

Enter the country for this customer's address. You must enter values that have already been defined in AR_LOCATION_VALUES if Address Validation is set to 'Error' and you are calculating sales tax. You must do this for each address component on which your tax location flexfield structure is based.

If Address Validation is set to 'No Validation' and you pass a value that does not exist in AR_LOCATION_VALUES, Customer Interface inserts this value into AR_LOCATION_VALUES.

You must always enter a value for Country.

> **Validation**: The country must exist in FND_TERRITORIES.

22. CUSTOMER_ATTRIBUTE_CATEGORY   *VARCHAR2(30)*

Optional Field

Enter Descriptive Flexfield category information. This column is optional.

Validation: None

23-37. CUSTOMER_ATTRIBUTE1-15 *VARCHAR2(150)*

Optional Field

Enter Descriptive Flexfield information. These columns are optional.

Validation: None

38. ADDRESS_ATTRIBUTE_CATEGORY *VARCHAR2(30)*

Optional Field

Enter Descriptive Flexfield category information. These columns are optional

Validation: None

39-53. ADDRESS_ATTRIBUTE1-15 *VARCHAR2(150)*

Optional Field

Enter Descriptive Flexfield information. These columns are optional.

Validation: None.

54. SITE_USE_ATTRIBUTE_CATEGORY *VARCHAR2(30)*

Optional Field

Enter Descriptive Flexfield category information. This column is optional.

Validation: None

55-79. SITE_USE_ATTRIBUTE_1 to 25 *VARCHAR2(150)*

Optional Field

Enter Descriptive Flexfield category information. These columns are optional.

Validation: None

80. CUSTOMER_CATEGORY_CODE *VARCHAR2(30)*

Optional Field

Enter a category to categorize your customer. Use customer categories that you previously defined in the QuickCodes window. This column is required.

Validation: AR_LOOKUPS.LOOKUP_CODE where LOOKUP_TYPE = 'CUSTOMER_CATEGORY'

81. CUSTOMER_CLASS_CODE   *VARCHAR2(30)*

Optional Field

Enter the customer class for this customer. Use customer classes that you previously defined in the QuickCodes window. This column is optional.

Validation: AR_LOOKUPS.LOOKUP_CODE where LOOKUP_TYPE = 'CUSTOMER CLASS'

82. CUST_TAX_CODE   *VARCHAR2(50)*

Optional Field

Enter the tax code that you want to assign to this customer or business purpose, depending on the column you choose. You must use tax codes that you previously defined in the Tax Codes and Rates window.
These columns are optional.

Validation: Must exist in AR_VAT_TAX.

83. CUST_TAX_REFERENCE   *VARCHAR2(50)*

Optional Field

Enter the tax registration number for this customer. This column is optional.

Validation: None

84. DEMAND_CLASS_CODE   *VARCHAR2(30)*

Optional Field

Enter the demand class for this address. Use demand classes that you previously defined in the Demand Classes window. This column is optional.

Validation: Must exist in FND_COMMON_LOOKUPS

85. CUST_SHIP_VIA_CODE   *VARCHAR2(25)*

Optional Field

Enter the freight carrier you want to assign to this customer or business purpose, depending on the column you choose. Use freight carriers that you previously defined in the Freight Carriers window. This column is optional.

Validation: Must exist in ORG_FREIGHT.

86. SITE_USE_TAX_CODE   *VARCHAR2(50)*

Optional Field

Enter the tax code that you want to assign to this customer or business purpose, depending on the column you choose. You must use tax codes that you previously defined in the Tax Codes and Rates window.
These columns are optional.

>**Validation**: Must exist in AR_VAT_TAX

87. SITE_USE_TAX_REFERENCE   *VARCHAR2(50)*

Optional Field

Enter the tax registration number for this site. This column is optional.

>**Validation**: None

88. BILL_TO_ORIG_ADDRESS_REF   *VARCHAR2(240)*

Optional Field

Enter the Bill–To location that you want to associate with the Ship–To address on this record.

>**Validation**: You can enter a value only if the SITE_USE_CODE column in this record is 'Ship–To'. Also, the Bill–To address must exist for this customer or any related customers.

89. JGZZ_FISCAL_CODE   *VARCHAR2(20)*

Optional Field

This column is used as the 'Fiscal Code' for certain European countries.

>**Validation**: None

90. LANGUAGE   *VARCHAR2(30)*

Optional Field

Enter the language used by this customer site. This column is optional.

>**Validation**: Must exist in FND_LANGUAGES.NLS_LANGUAGE

91. URL   *VARCHAR2(240)*

Optional Field

Uniform Resource Locator. Customer's Home Page Address on World Wide Web.

>**Validation:** None

92. ORG_ID   *NUMBER(15)*

Optional Field

Enter the ORG_ID of your organization. See Glossary of Terms.

>**Validation**: Must be a valid value in HR_ORGANIZATION_UNITS.ORGANIZATION_ID

93. CUSTOMER_PROSPECT_CODE   *VARCHAR2(30)*

Optional Field

Indicates whether a business or company is a customer or a prospect.

> **Validation**: None

94. CUSTOMER_NAME_PHONETIC   *VARCHAR2(320)*

Optional Field

The customer's alternate name.

> **Validation**: None

95. ADDRESS_LINES_PHONETIC   *VARCHAR2(560)*

Optional Field

An alternate name for the customer's address.

> **Validation**: None

RA_CUSTOMER_PROFILES_INT_ALL Table

Num	Column Name	Type	Not Null	Comments
96	INSERT_UPDATE_FLAG	VARCHAR2(1)	Y	REQUIRED
97	ORIG_SYSTEM_CUSTOMER_REF	VARCHAR2(240)	Y	REQUIRED
98	ORIG_SYSTEM_ADDRESS_REF	VARCHAR2(240)	N	OPTIONAL
99	CUSTOMER_PROFILE_CLASS_NAME	VARCHAR2(30)	N	OPTIONAL
100	COLLECTOR_NAME	VARCHAR2(30)	N	OPTIONAL
101	CREDIT_BALANCE_STATEMENTS	VARCHAR2(1)	N	OPTIONAL
102	CREDIT_CHECKING	VARCHAR2(1)	N	OPTIONAL
103	CREDIT_HOLD	VARCHAR2(1)	Y	REQUIRED
104	DISCOUNT_TERMS	VARCHAR2(1)	N	OPTIONAL
105	DUNNING_LETTERS	VARCHAR2(1)	N	OPTIONAL
106	INTEREST_CHARGES	VARCHAR2(1)	N	OPTIONAL
107	STATEMENTS	VARCHAR2(1)	N	OPTIONAL
108	TOLERANCE	NUMBER(15)	N	OPTIONAL
109	TAX_PRINTING_OPTION	VARCHAR2(30)	N	OPTIONAL
110	ACCOUNT_STATUS	VARCHAR2(30)	N	OPTIONAL
111	AUTOCASH_HIERARCHY_NAME	VARCHAR2(30)	N	OPTIONAL
112	CREDIT_RATING	VARCHAR2(30)	N	OPTIONAL
113	DISCOUNT_GRACE_DAYS	NUMBER(15)	N	OPTIONAL
114	DUNNING_LETTER_SET_NAME	VARCHAR2(30)	N	OPTIONAL
115	INTEREST_PERIOD_DAYS	NUMBER(15)	N	OPTIONAL
116	OVERRIDE_TERMS	VARCHAR2(1)	N	OPTIONAL
117	PAYMENT_GRACE_DAYS	NUMBER(15)	N	OPTIONAL
118	PERCENT_COLLECTABLE	NUMBER(15)	N	OPTIONAL
119	RISK_CODE	VARCHAR2(30)	N	OPTIONAL
120	STANDARD_TERM_NAME	VARCHAR2(15)	N	OPTIONAL
121	STATEMENT_CYCLE_NAME	VARCHAR2(15)	N	OPTIONAL
122	CHARGE_ON_FINANCE_CARGE_FLAG	VARCHAR2(1)	N	OPTIONAL
123	GROUPING_RULE_NAME	VARCHAR2(40)	N	OPTIONAL
124	CURRENCY_CODE	VARCHAR2(15)	N	OPTIONAL
125	AUTO_REC_MIN_RECEIPT_AMOUNT	NUMBER	N	OPTIONAL
126	INTEREST_RATE	NUMBER	N	OPTIONAL
127	MAX_INTEREST_CHARGE	NUMBER	N	OPTIONAL
128	MIN_DUNNING_AMOUNT	NUMBER	N	OPTIONAL
129	MIN_DUNNING_INVOICE_AMOUNT	NUMBER	N	OPTIONAL
130	MIN_FC_BALANCE_AMOUNT	NUMBER	N	OPTIONAL
131	MIN_FC_INVOICE_AMOUNT	NUMBER	N	OPTIONAL
132	MIN_STATEMENT_AMOUNT	NUMBER	N	OPTIONAL
133	OVERALL_CREDIT_LIMIT	NUMBER	N	OPTIONAL
134	TRX_CREDIT_LIMIT	NUMBER	N	OPTIONAL
135	ATTRIBUTE_CATEGORY	VARCHAR2(30)	N	OPTIONAL
136-150	ATTRIBUTE1-15	VARCHAR2(150)	N	OPTIONAL
151	AMOUNT_ATTRIBUTE_CATEGORY	VARCHAR2(30)	N	OPTIONAL
152-166	AMOUNT_ATTRIBUTE1-15	VARCHAR2(150)	N	OPTIONAL
167	AUTO_REC_INCL_DISPUTED_FLAG	VARCHAR2(1)	N	OPTIONAL
168	CLEARING_DAYS	NUMBER(5)	N	OPTIONAL

96. INSERT_UPDATE_FLAG   *VARCHAR2(1)*

Required Field

Enter a value to indicate whether you are inserting a new record or updating an existing record. Regardless of the value you enter in this column, you cannot insert or update profile information in the following columns: CURRENCY_CODE, AUTO_REC_MIN_RECEIPT_AMOUNT, INTEREST_RATE, MAX_INTEREST_CHARGE, MIN_DUNNING_AMOUNT, MIN_DUNNING_INVOICE_AMOUNT, MIN_FC_BALANCE_AMOUNT, MIN_FC_INVOICE_AMOUNT, MIN_STATEMENT_AMOUNT, OVERALL_CREDIT_LIMIT, TRX_CREDIT_LIMIT, AMOUNT_ATTRIBUTE_CATEGORY and AMOUNT_ATTRIBUTE1 through AMOUNT_ATTRIBUTE15.

If you are trying to insert new profile amount information, Customer Interface will automatically insert this information even if this column is set to 'U.' For example, if you want to update the tax printing option value for a record that you have already inserted and at the same time enter a new currency code for this customer profile, enter 'U' in this column. Customer Interface will automatically update the tax printing option value and automatically insert the new currency code.

This column is required.

> **Validation**: I' for insert, 'U' for update

97. ORIG_SYSTEM_CUSTOMER_REF   *VARCHAR2(240)*

Required Field

Enter the value that represents the customer or Bill–To site for which you are inserting or updating customer profile information.

> **Validation**: For insert, this customer reference must exist in RA_CUSTOMERS or be successfully validated in RA_CUSTOMERS_INTERFACE. For update, this customer reference must exist in RA_CUSTOMERS.

98. ORIG_SYSTEM_ADDRESS_REF   *VARCHAR2(240)*

Optional Field

Enter the value that represents the customer Bill–To address for which you are inserting or updating customer profile information. An active Bill–To business purpose must be associated with this address.

> **Validation**: For insert, this address reference must exist in RA_ADDRESSES or be successfully validated in RA_CUSTOMERS_INTERFACE. For update, this address reference must exist in RA_ADDRESSES.

89. CUSTOMER_PROFILE_CLASS_NAME   *VARCHAR2(30)*

Optional Field

Enter the name of the customer profile class you want to assign to this customer or Bill–To address.
If you enter a value in this column, the system will use the profile values associated with this customer profile class. However, you can override these default values by passing new values in the appropriate columns. This column is optional.

If you do not enter a value in this column you must enter values in the following columns:

COLLECTOR_NAME
CREDIT_BALANCE_STATEMENTS

CREDIT_CHECKING
AUTO_REC_INCL_DISPUTED_FLAG
DISCOUNT_TERMS
DUNNING_LETTERS (if 'Y', you must also enter a value in DUNNING_LETTER_SET_NAME)
INTEREST_CHARGES (if 'Y', you must also enter values in INTEREST_PERIOD_DAYS and
CHARGE_ON_FINANCE_CHARGE_FLAG.)
STATEMENTS (if 'Y', you must also enter a value in STATEMENT_CYCLE_NAME.)
TOLERANCE
TAX_PRINTING_OPTION
OVERRIDE_TERMS
GROUPING_RULE_NAME

> **Validation**: Must equal AR_CUSTOMER_PROFILE_CLASSES. NAME and STATUS = 'A' (Active)

90. COLLECTOR_NAME   *VARCHAR2(30)*

Optional Field

Enter the collector assigned to this customer profile.

> **Validation**: Must be unique in AR_COLLECTORS and STATUS = 'A' (Active). <u>Mandatory when no profile class specified.</u>

91. CREDIT_BALANCE_STATEMENTS   *VARCHAR2(1)*

Optional Field

Specify whether to send statements to customers with credit balances.

> **Validation**: Must equal 'Y' (Yes) or 'N' (No) Must be 'N' when STATEMENTS = 'N.' Mandatory when no profile class specified. Mandatory when STATEMENTS = Yes. Must be null when STATEMENTS is null.

92. CREDIT_CHECKING   *VARCHAR2(2)*

Optional Field

Specify whether to check credit.

> **Validation**: Must equal 'Y' (Yes) or 'N' (No). <u>Mandatory when no profile class specified.</u>

93. CREDIT_HOLD   *VARCHAR2(1)*

Required Field

Specify whether to put a hold on your customer's credit.

> **Validation**: Must equal 'Y' (Yes) or 'N' (No).

94. DISCOUNT_TERMS   *VARCHAR2(1)*

Optional Field

Specify whether to allow discounts.

> **Validation**: Must equal 'Y' (Yes) or 'N' (No). <u>Mandatory when no profile class specified</u>.

95. DUNNING_LETTERS   *VARCHAR2(1)*

Optional Field

Specify whether to send Dunning Letters.

> **Validation**: Must equal 'Y' (Yes) or 'N' (No). <u>Mandatory when no profile class specified</u>.

96. INTEREST_CHARGES   *VARCHAR2(1)*

Optional Field

Specify whether to charge interest.

> **Validation**: Must equal 'Y' (Yes) or 'N' (No). <u>Mandatory when no profile class specified</u>.

97. STATEMENTS   *VARCHAR2(1)*

Optional Field

Specify whether to send statements.

> **Validation**: Must equal 'Y' (Yes) or 'N' (No). <u>Mandatory when no profile class specified</u>.

98. TOLERANCE   *NUMBER(15)*

Optional Field

Enter the percent over the credit limit that this customer can exceed before you will act.

> **Validation**: Must be between –100 and 100. <u>Mandatory when no profile class specified.</u>

99. TAX_PRINTING_OPTION   *VARCHAR2(30)*

Optional Field

Enter a tax printing option to indicate how you want to print tax information for this customer's invoices.

> Validation: AR_LOOKUPS.LOOKUP_CODE where LOOKUP_TYPE = 'TAX_PRINTING_OPTION'. <u>Mandatory when no profile class specified</u>.

100. ACCOUNT_STATUS   *VARCHAR2(30)*

Optional Field

Enter the status of this customer's account. Use account statuses you previously defined in the Receivables QuickCodes window with a QuickCode type of 'Account Status.' This column is optional.

> **Validation**: AR_LOOKUPS.LOOKUP_CODE where LOOKUP_TYPE = 'ACCOUNT_STATUS'

101. AUTOCASH_HIERARCHY_NAME   *VARCHAR2(30)*

Optional Field

Enter the AutoCash Rule set to assign to this customer. Use AutoCash Rules sets that you previously defined in the AutoCash Rule Sets window.

> **Validation**: Must exist in AR_AUTOCASH_HIERARCHIES. <u>Mandatory when no profile class specified</u>.

102. DISCOUNT_GRACE_DAYS   *NUMBER(15)*

Optional Field

Enter the number of days after the discount date that this customer can still take discounts.

> **Validation**: Number must be non–negative (must be >=0). Must be null when DISCOUNT_TERMS is null or 'No'.

103. DUNNING_LETTER_SET_NAME   *VARCHAR2(30)*

Optional Field

Enter the dunning letter set to associate with this customer. Use dunning letters that you previously defined in the Dunning Letter Sets window.

> **Validation**: Must exist in AR_DUNNING_LETTER_SETS. <u>Mandatory when DUNNING_LETTERS is Yes. Must be null when DUNNING_LETTERS is No or null.</u>

104. INTEREST_PERIOD_DAYS   *NUMBER(15)*

Optional Field

Enter the number of days to which the interest rate refers.

> **Validation**: Number must be positive. <u>Mandatory when INTEREST_CHARGES is Yes. Must be null when INTEREST_CHARGES is No or null.</u>

105. OVERRIDE_TERMS   *VARCHAR2(1)*

Optional Field

Specify whether you want to be able to enter payment terms that are different from the payment term you enter in STANDARD_TERM_NAME.

> **Validation**: Must equal 'Y' (Yes) or 'N' (No). <u>Mandatory when no profile class is specified</u>.

106. PAYMENT_GRACE_DAYS   *NUMBER(15)*

Optional Field

Enter the number of days you will allow this customer's receipt to be overdue before you will initiate collection action.

> **Validation**: Cannot be a negative number.

107. PERCENT_COLLECTABLE   *NUMBER(15)*

Optional Field

Enter the percentage of this customer's account balance that you expect to collect regularly. This column is optional.

> **Validation**: Must be between 0 to 100

108. STANDARD_TERM_NAME *VARCHAR2(15)*

Optional Field

Enter the standard payment terms for this customer. Use payment terms that you previously defined in the Payment Terms window. This column is optional.

> **Validation**: Must exist in RA_TERMS. Must have a unique value. Mandatory when no profile class is specified.

109. STATEMENT_CYCLE_NAME *VARCHAR2(15)*

Optional Field

Enter the statement cycle to associate with this customer. Use statement cycles that you previously defined in the Statement Cycles window.

> **Validation**: Must exist in AR_STATEMENT_CYCLES. Must be null when STATEMENTS is No or null. Mandatory when STATEMENTS is Yes. Must have a unique value.

110. CHARGE_ON_FINANCE_CHARGE_FLAG *VARCHAR2(1)*

Optional Field

Specify whether you want to compound interest for this customer.

> **Validation**: Must equal 'Y' (Yes) or 'N' (No). Required if INTEREST_CHARGES is set to 'Y' and no profile class is specified. Do not enter a value if INTEREST_CHARGES is null or set to 'N'.

111. GROUPING_RULE_NAME *VARCHAR2(40)*

Optional Field

Enter the grouping rule to assign to this customer. Use grouping rules you previously defined in the Grouping Rules window.

> **Validation**: Must exist in RA_GROUPING_RULES. Mandatory when no profile class is specified.

112. CURRENCY_CODE *VARCHAR2(15)*

Optional Field

Enter the grouping rule to assign to this customer. Use grouping rules you previously defined in the Grouping Rules window.

> **Validation**: Must exist in RA_GROUPING_RULES. Mandatory when no profile class is specified.

113. AUTO_REC_MIN_RECEIPT_AMOUNT *NUMBER*

Optional Field

Enter the minimum receipt amount that must be specified for this customer when you create automatic receipts in this currency. This column is optional.

Validation: None

114. INTEREST_RATE *NUMBER*

Optional Field

Enter the interest rate to charge this customer for this currency. This column is optional.

Validation: None

115. MAX_INTEREST_CHARGE *NUMBER*

Optional Field

Enter the maximum amount of interest to charge this customer in this currency for each invoice. This column is optional.

Validation: None

116. MIN_DUNNING_AMOUNT *NUMBER*

Optional Field

Enter the minimum amount in this currency that must be past due for this customer before you select these customers for dunning. This column is optional.

Validation: None

117. MIN_DUNNING_INVOICE_AMOUNT *NUMBER*

Optional Field

Enter the minimum invoice amount in this currency that must be past due for this customer before you select these customers for dunning. This column is optional.

Validation: None

118. MIN_FC_BALANCE_AMOUNT *NUMBER*

Optional Field

Enter the minimum customer balance that you require before you charge this customer finance charges for past due items in this currency. This column is optional.

Validation: None

119. MIN_FC_INVOICE_AMOUNT *NUMBER*

Optional Field

Enter the minimum invoice balance that you require before you charge this customer finance charges for past due items in this currency. This column is optional.

Validation: None

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120. MIN_STATEMENT_AMOUNT   *NUMBER*

Optional Field

Enter the minimum outstanding balance in this currency that this customer must exceed in order for the system to generate a statement. This column is optional.

    Validation: None

---

121. OVERALL_CREDIT_LIMIT   *NUMBER*

Optional Field

Enter the total amount of credit to give to this customer in this currency. This column is optional.

    Validation: TRX_CREDIT_LIMIT and OVERALL_CREDIT_LIMIT must both be filled in, or both be null. TRX_CREDIT_LIMIT may not be greater than the OVERALL_CREDIT_LIMIT.

---

122. TRX_CREDIT_LIMIT   *NUMBER*

Optional Field

Enter the amount of credit for each order that you want to give to this customer in this currency.

    Validation: TRX_CREDIT_LIMIT and OVERALL_CREDIT_LIMIT must both be filled in, or both be null. TRX_CREDIT_LIMIT may not be greater than the OVERALL_CREDIT_LIMIT.

---

123. ATTRIBUTE_CATEGORY   *VARCHAR2(30)*

Optional Field

Enter Descriptive Flexfield category information. This column is optional.

    Validation: None

124-138. ATTRIBUTE 1 to 15   *VARCHAR2(150)*

Optional Field

Enter Descriptive Flexfield information. These columns are optional.

    Validation: None

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139. AMOUNT_ATTRIBUTE_CATEGORY   *VARCHAR2(30)*

Optional Field

Enter Descriptive Flexfield category information. This column is optional.

    Validation: None

140-154. AMOUNT_ATTRIBUTE1 TO 15   *VARCHAR2(150)*

Optional Field

Enter Descriptive Flexfield information. These columns are optional.

> **Validation**: None

155. AUTO_REC_INCL_DISPUTED_FLAG   *VARCHAR2(1)*

Optional Field

Specify whether to include debit items that have been placed in dispute when you create automatic receipts for your customers. Defaults to No if null.

> **Validation**: Must equal 'Y' (Yes) or 'N' (No)'. <u>Mandatory when profile class is null</u>.

156. CLEARING_DAYS   *NUMBER(5)*

Optional Field

Enter the number of clearing days for this customer profile.

> **Validation**: Must be an integer greater than or equal to zero.

RA_CONTACT_PHONES_INT_ALL Table

Num	Column Name	Type	Not Null	Comments
157	ORIG_SYSTEM_CONTACT_REF	VARCHAR2(240)	N	OPTIONAL
158	**ORIG_SYSTEM_TELEPHONE_REF**	**VARCHAR2(240)**	**Y**	**REQUIRED**
159	**ORIG_SYSTEM_CUSTOMER_REF**	**VARCHAR2(240)**	**Y**	**REQUIRED**
160	ORIG_SYSTEM_ADDRESS_REF	VARCHAR2(240)	N	OPTIONAL
161	**INSERT_UPDATE_FLAG**	**VARCHAR2(1)**	**Y**	**REQUIRED**
162	CONTACT_FIRST_NAME	VARCHAR2(40)	N	OPTIONAL
163	CONTACT_LAST_NAME	VARCHAR2(50)	N	OPTIONAL
164	CONTACT_TITLE	VARCHAR2(30)	N	OPTIONAL
165	CONTACT_JOB_TITLE	VARCHAR2(50)	N	OPTIONAL
166	**TELEPHONE**	**VARCHAR2(25)**	**Y**	**REQUIRED**
167	TELEPHONE_EXTENSION	VARCHAR2(20)	N	OPTIONAL
168	**TELEPHONE_TYPE**	**VARCHAR2(15)**	**Y**	**REQUIRED**
169	TELEPHONE_AREA_CODE	VARCHAR2(10)	N	OPTIONAL
170-194	CONTACT_ATTRIBUTE1-25	VARCHAR2(150)	N	OPTIONAL
195	CONTACT_ATTRIBUTE_CATEGORY	VARCHAR2(30)	N	OPTIONAL
196-210	PHONE_ATTRIBUTE1-15	VARCHAR2(150)	N	OPTIONAL
211	PHONE_ATTRIBUTE_CATEGORY	VARCHAR2(30)	N	OPTIONAL
212	EMAIL_ADDRESS	VARCHAR2(240)	N	OPTIONAL
213	MAIL_STOP	VARCHAR2(60)	N	OPTIONAL

158. ORIG_SYSTEM_CONTACT_REF   *VARCHAR2(240)*

Optional Field

Enter a value that you can use to uniquely identify this contact in your original system.

This column forms part of the primary key for RA_CONTACT_PHONES_ INTERFACE. The primary key is a combination of ORIG_SYSTEM_CONTACT_REF and ORIG_SYSTEM_TELEPHONE_ REF.

To enter a contact for a customer, do not enter a value in ORIG_SYSTEM_ ADDRESS_REF.

If you are entering a contact for a specific address, then enter values in both ORIG_ SYSTEM_CUSTOMER_REF and
ORIG_SYSTEM_ADDRESS_REF

> **Validation**: Must equal RA_CONTACTS.ORIG_SYSTEM_ REFERENCE for update. If you are entering contact information or information that refers to a contact, such as a telephone number assigned to a contact, you must enter a value in this column.

159. ORIG_SYSTEM_TELEPHONE_REF   *VARCHAR2(240)*

Required Field

Enter a value that you can use to uniquely identify this telephone in your original system.

This column forms part of the primary key for RA_CONTACT_PHONES_ INTERFACE. The primary key is a combination of ORIG_SYSTEM_CONTACT_REF and ORIG_SYSTEM_TELEPHONE_REF.

To enter a telephone for a customer, do not enter values in ORIG_SYSTEM_ADDRESS_REF or ORIG_SYSTEM_CONTACT_REF.

To enter a telephone for a specific address, enter values in ORIG_SYSTEM_CUSTOMER_REF and ORIG_SYSTEM_ADDRESS_ REF.

To enter telephones for a specific contact, enter values in ORIG_SYSTEM_CUSTOMER_REF, ORIG_SYSTEM_CONTACT_REF, and ORIG_SYSTEM_ADDRESS_REF, if the contact is associated with an address.

> **Validation**: Must equal RA_PHONES.ORIG_SYSTEM_REFERENCE. <u>Mandatory when specifying telephone information.</u>

160. ORIG_SYSTEM_CUSTOMER_REF   *VARCHAR2(240)*

Required Field

Enter a value that you can use to uniquely identify this customer in your original system.

> **Validation**: Must equal RA_CUSTOMERS.ORIG_SYSTEM_REFERENCE for update. If you are entering either contact or telephone information, you must enter a value in this column.

161. ORIG_SYSTEM_ADDRESS_REF   *VARCHAR2(240)*

Optional Field

Enter a value that you can use to uniquely identify this address in your original system. If this column is null, the phone or contact that you enter refers to the customer.

> **Validation**: Must equal RA_ADDRESSES.ORIG_SYSTEM_REFERENCE for update. If you are entering information that refers to an address, such as a contact or telephone, then you must enter a value in this column.

162. INSERT_UPDATE_FLAG   *VARCHAR2(1)*

Required Field

Enter a value to indicate whether you are inserting a new record or updating an existing record. This column is required.

> **Validation**: 'I' for insert, 'U' for update.

163. CONTACT_FIRST_NAME   *VARCHAR2(40)*

Optional Field

Enter the contact's first name. This column is optional.

> **Validation**: None

164. CONTACT_LAST_NAME   *VARCHAR2(50)*

Optional Field

Enter the contact's last name. If ORIG_SYSTEM_CONTACT_REF is filled in, then you must enter a value in this column. Otherwise, this column is optional.

> **Validation**: None

165. CONTACT_TITLE   *VARCHAR2(30)*

Optional Field

Enter the title for this contact. This column is optional.

> **Validation**: AR_LOOKUPS.LOOKUP_CODE where LOOKUP_TYPE = 'CONTACT_TITLE'

166. CONTACT_JOB_TITLE   *VARCHAR2(50)*

Optional Field

Enter the job title or responsibility for this contact. Use contact job titles that you previously defined in the QuickCodes window. This column is optional.

> **Validation**: AR_LOOKUPS.LOOKUP_CODE where LOOKUP_TYPE = 'JOB_TITLE'

167. TELEPHONE   *VARCHAR2(25)*

Required Field

Enter the telephone number for the customer, address, or contact.

> **Validation**: Mandatory when specifying telephone information (for example, if ORIG_SYSTEM_TELEPHONE_REF is filled in).

168. TELEPHONE_EXTENSION   *VARCHAR2(20)*

Optional Field

Enter the extension for the telephone number. This column is optional.

> **Validation**: None

169. TELEPHONE_TYPE   *VARCHAR2(15)*

Required Field

Enter the type of telephone number such as General, Fax, or Telex. Use telephone types that you previously defined in the QuickCodes window with a QuickCode type of 'Types of communication used in contacting customers.

> **Validation**: AR_LOOKUPS.LOOKUP_CODE where LOOKUP_TYPE = 'COMMUNICATION_TYPE. Mandatory when specifying telephone information (for example, if ORIG_SYSTEM_TELEPHONE_REF is filled in).

170. TELEPHONE_AREA_CODE   *VARCHAR2(10)*

Optional Field

Enter the area code for the telephone number. This column is optional.

> **Validation**: None

171-195. CONTACT_ATTRIBUTE 1 to 25   *VARCHAR2(150)*

Optional Field

Enter Descriptive Flexfield information. These columns are optional.

> **Validation**: None

196. CONTACT_ATTRIBUTE_CATEGORY   *VARCHAR2(30)*

Optional Field

Enter Descriptive Flexfield category information. This column is optional.

> **Validation**: None

197-211. PHONE_ATTRIBUTE1 TO 15   *VARCHAR2(150)*

Optional Field

Enter Descriptive Flexfield information. These columns are optional.

> **Validation**: None

212. PHONE_ATTRIBUTE_CATEGORY   *VARCHAR2(30)*

Enter Descriptive Flexfield category information. This column is optional.

> **Validation**: None

213. EMAIL_ADDRESS   *VARCHAR2(240)*

Optional Field

Address to use when sending electronic mail to contact.

> **Validation**: None

214. MAIL_STOP   *VARCHAR2(60)*

Optional Field

Mail stop of the contact for postal service.

> **Validation**: None

Glossary of Terms

Listed below are some of the terms found in the document, along with their definitions.

Account Code Combinations

The DELPHI Account Code Combination Structure is made up of ten segments. Listed below are the segments, meaning, and format and length.

Segment 1	Fund	VARCHAR2 (10)
Segment 2	Budget Year	VARCHAR2 (4)
Segment 3	BPAC	VARCHAR2 (10)
Segment 4	Org Code	VARCHAR2 (10)
Segment 5	Object Class	VARCHAR2 (5)
Segment 6	GL Account	VARCHAR2 (6)
Segment 7	Reserved for future use	VARCHAR2 (10)
Segment 8	Reserved for future use	VARCHAR2 (10)
Segment 9	Reserved for future use	VARCHAR2 (10)
Segment 10	Reserved for future use	VARCHAR2 (10)

Data Value example:
1111111111.2222.3333333333.4444444444.55555.666666.0000000000.0000000000.0000000000.0000000000

Note: Data value must contain segment delimiter (period) between each segment.

Data Type

Each column within the template is designated by data type. The most common data types are;

- DATE – A DATE column contains date information and must be masked to a valid format such as DD-MON-YYYY.

- NUMBER – A NUMBER column consists of digits, signs, and decimal points.

- VARCHAR2 – A VARCHAR2 column contains a sequence of letters, numbers, punctuation marks and special characters.

Delimited File Format

A file built with a separator between each data element. A '|' (pipe symbol) delimited file would contain the character '|' between each data element. The absence of a value for a data element should be denoted with a delimiter. An example would be;

Field 1   Field 2   Field 4

12345678|ABCDEFG||ABCDEFG|

Location Segment Combination

The DELPHI Fixed Assets Location Segment Combination Structure is made up of seven segments. Listed below are the segments, meaning, and format and length.

Segment 1	OA Region	VARCHAR2 (5)
Segment 2	State	VARCHAR2 (2)
Segment 3	City	VARCHAR2 (25)
Segment 4	County	VARCHAR2 (25)
Segment 5	Facility Site	VARCHAR2 (15)
Segment 6	GSA GLC Code	VARCHAR2 (9)
Segment 7	Reserved for future use	VARCHAR2 (25)

Data Value example:
11111.22.33333333333333333333333333.4444444444444444444444444.555555555555555.666666666.00000000
00000000000000000

Note: Data value must contain segment delimiter (period) between each segment.

Org-id

Org_id is the identification code of the organization to which the user belongs.

Org_id	Organization Name
2	National Highway Traffic Safety Administration
3	Federal Highway Administration
4	Office of Inspector General
5	Federal Aviation Administration
6	United States Coast Guard
7	Transportation Administration Service Center
8	Federal Railroads Administration
9	Federal Transit Administration
10	Volpe national Transportation Systems Center
11	Maritime Administration
12	Research and Special Programs Administration
13	Surface Transportation Board
14	Office of the Secretary of Transportation
15	DOT Payroll

16	Bureau of Transportation Statistics
1	Department of Transportation
17	Federal Motor Carrier Safety Administration

Open Interface

An interface program within the Oracle application that can be used to bring data from external sources into the Oracle Applications. These interface programs are supported by the application and provide for complete validation and transformation of data to the required format of the destination application.

Oracle Tables

Oracle Relational Database Management System stores information within tables. Tables consist of columns and rows. Each column contains one kind of information. The following convention is used to name columns: COLUMN_NAME. The information is listed in rows across the columns creating a relationship between the columns and the rows in the form of a grid.

Set of Books Id

SET_OF_BOOKS_ID is the identification code of the Operating Administration to which the user belongs.

SET OF BOOKS ID	Set of Books Name
1	National Highway Traffic Safety Administration
2	Federal Highway Administration
3	Office of Inspector General
4	Federal Aviation Administration
5	United States Coast Guard
6	Transportation Administrative Services Center
7	Federal Railroad Administration
8	Federal Transit Administration

9	VOLPE National Transportation Systems Center
10	Maritime Administration
11	Research and Special Programs Administration
12	Surface Transportation Board
13	Secretary of Transportation
15	Bureau of Transportation Statistics
16	Department of Transportation
17	Federal Motor Carrier Safety Administration

Review and Sign-Off Sheet

Customer Load Interface

SIGNATURE (Theresa Mengers):	DATE:
SIGNATURE (Teresa Ryser):	DATE:
SIGNATURE (J. B. Morgan):	DATE:
SIGNATURE (Robert Helms) :	DATE:
SIGNATURE (Walter Woodard) :	DATE:
SIGNATURE :	DATE:
SIGNATURE :	DATE: